



# SEQUENCE LISTING

<110> Goetzl, Edward L.  
An, Songzhu

<120> Human Polypeptide Receptors for Lysophospholipids and  
Sphingolipids and Nucleic Acids Encoding the Same

<130> A-67501/DJB/TAL

<140> 09/274,752

<141> 1999-03-23

<160> 29

<170> PatentIn Ver. 2.0

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<211> 382

<212> PRT

<213> Homo sapiens

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Val Val Val Val Ala Leu Gly Leu Thr Val Ser Val Leu Val Leu Leu  
35 40 45

Thr Asn Leu Leu Val Ile Ala Ala Ile Ala Ser Asn Arg Arg Phe His  
50 55 60

Gln Pro Ile Tyr Tyr Leu Leu Gly Asn Leu Ala Ala Ala Asp Leu Phe  
65 70 75 80

Ala Gly Val Ala Tyr Leu Phe Leu Met Phe His Thr Gly Pro Arg Thr  
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Ala Arg Leu Ser Leu Glu Gly Trp Phe Leu Arg Gln Gly Leu Leu Asp  
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115 120 125

Arg His Arg Ser Val Met Ala Val Gln Leu His Ser Arg Leu Pro Arg

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Leu Gly Leu Leu Pro Ala His Ser Trp His Cys Leu Cys Ala Leu Asp				
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Trp Ala Leu Ser Ser Leu Leu Val Phe Leu Leu Met Val Ala Val Tyr				
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Lys Thr Val Val Ile Ile Leu Gly Ala Phe Val Val Cys Trp Thr Pro				
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Gly Gln Val Val Leu Leu Leu Asp Gly Leu Gly Cys Glu Ser Cys Asn				
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Thr Phe Arg Arg Leu Leu Cys Cys Ala Cys Leu Arg Gln Ser Thr Arg				
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				320
Glu Ser Val His Tyr Thr Ser Ser Ala Gln Gly Gly Ala Ser Thr Arg				
	325		330	335
Ile Met Leu Pro Glu Asn Gly His Pro Leu Met Thr Pro Pro Phe Ser				
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Tyr Leu Glu Leu Gln Arg Tyr Ala Ala Ser Asn Lys Ser Thr Ala Pro				
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 35 40 45  
 Val Glu Asn Leu Leu Val Leu Ile Ala Val Ala Arg Asn Ser Lys Phe  
 50 55 60  
 His Ser Ala Met Tyr Leu Phe Leu Gly Asn Leu Ala Ala Ser Asp Leu  
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 Leu Ala Gly Val Ala Phe Val Ala Asn Thr Leu Leu Ser Gly Ser Val  
 85 90 95  
 Thr Leu Arg Leu Thr Pro Val Gln Trp Phe Ala Arg Glu Gly Ser Ala  
 100 105 110  
 Ser Ile Thr Leu Ser Ala Ser Val Gly Ser Leu Leu Ala Ile Ala Ile  
 115 120 125  
 Glu Arg His Val Ala Ile Ala Lys Val Lys Leu Tyr Gly Ser Cys Lys  
 130 135 140  
 Ser Cys Arg Met Leu Leu Leu Ile Gly Ala Ser Trp Leu Ile Ser Leu  
 145 150 155 160  
 Val Leu Gly Gly Leu Pro Ile Leu Gly Trp Asn Cys Leu Gly His Leu  
 165 170 175  
 Glu Ala Cys Ser Thr Val Leu Pro Leu Tyr Ala Lys His Tyr Val Leu  
 180 185 190  
 Cys Val Val Thr Ile Phe Ser Ile Ile Leu Leu Ala Ile Val Ala Leu  
 195 200 205  
 Tyr Val Arg Ile Tyr Cys Val Val Arg Ser Ser His Ala Asp Met Ala  
 210 215 220  
 Ala Pro Gln Thr Leu Ala Leu Leu Lys Thr Val Thr Ile Val Leu Gly  
 225 230 235 240  
 Val Phe Ile Val Cys Trp Leu Pro Ala Phe Ser Ile Leu Leu Leu Asp  
 245 250 255  
 Tyr Ala Cys Pro Val His Ser Cys Pro Ile Leu Tyr Lys Ala His Tyr  
 260 265 270  
 Phe Phe Ala Val Ser Thr Leu Asn Ser Leu Leu Asn Pro Val Ile Tyr  
 275 280 285

Thr Trp Arg Ser Arg Asp Leu Arg Arg Glu Val Leu Arg Pro Leu Gln  
 290 295 300

Cys Trp Arg Pro Gly Val Gly Val Gln Gly Arg Arg Arg Val Gly Thr  
 305 310 315 320

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Gly Met His Met Pro Thr Ser Pro Thr Phe Leu Glu Gly Asn Thr Val  
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<212> DNA
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<223> The n at position 6 can be g or c.

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<220>
<221> misc_feature
<222> (12)
<223> The n at position 12 can be c or t.

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<220>
<221> misc_feature
<222> (17)
<223> The n at position 17 can be c or t.

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<220>
<221> misc_feature
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<223> The n at position 21 can be a or c.

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22

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<210> 8
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<212> PRT  
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<400> 8  
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<210> 9  
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<213> combination of rat and human.

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<220>  
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<223> The n at position 6 and 8 can be a or c.

<220>  
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<223> The n at position 7, 9, and 19 can be a or g.

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<211> 24  
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<213> Homo sapiens

<400> 10  
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<400> 11  
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<210> 12

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 <213> combination of rat and human.

<400> 12  
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